

SEP 1 1 1996

"RCRA/TSCA" "Permits Team"
Recycling Solutions for Every Environment

September 10, 1996

CERTIFIED MAIL

Mr. David Domingo **EPA Project Coordinator** U.S. EPA 1200 Sixth Avenue, M/S HW-106 Seattle, WA 98101

Mr. Domingo:

Following is the Bimonthly Progress Report required by the 3008(h) Order for RFI activities completed at the Burlington Environmental Inc. (dba Philip Environmental) "Philip" Pier 91 Facility for the months of July and August 1996.

Description of Work Completed

- Completed third quarter 1996 groundwater sampling and water/product levels in July.
- Received PLP Notice for Philip, Pacific Northern Oil, and the Port of Seattle.
- Submitted second quarter 1996 groundwater monitoring data (enclosed).

Summary of All Findings

No significant findings occurred during this period.

Projected Work for Next Reporting Period

- Submit third quarter 1996 groundwater monitoring data.
- Complete fourth quarter 1996 groundwater sampling and water/product levels in October.

If you have any questions, please contact me at (206) 227-6121.

Respectfully,

John\Stiller

Project Coordinator

cc:

Galen Tritt, Ecology NWRO



| CAS Number | | 75-71-8 | 74-87-3 | 75-01-4 | 74-83-9 | 75-00-3 | 75-69-4 | 75-35-4 |
|----------------------|---------|-----------|-----------------|-----------|----------|----------|------------|----------|
| MTCA Method B (ug/l) | | 1,600 | 3.37 | 0.023 | 11.20 | PQL= 10 | 2,400 | 0.0729 |
| | | Dichloro- | | | | | Trichloro- | |
| | | difluoro- | Chloro- | Vinyl | Bromo- | Chloro- | fluoro- | |
| | Sample | methane | methane | chloride | methane | ethane | methane | 1,1-DCE |
| W. II Novel on | Date | | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| Well Number | 4/11/96 | (ug/l) | (<i>ug/t</i>) | <1 | <1 | 7.3 | <1 | <1 |
| CP-103A | | | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 4/11/96 | <1 1.4 | <1 | 1.1 | <1 | 1 | <1 | <1 |
| CP-104A | 4/15/96 | 1.4 <1 | <1 | <1.1 | <1 | <1 | <1 | <1 |
| CP-104B | 4/15/96 | <1 <1 | <1 | <1 | <1 <1 | 1.6 | <1 | <1 |
| CP-106A | 4/12/96 | | | | | <1 | <1 | <1 |
| CP-106B | 4/12/96 | <1 | 35 | <1 1.8 | <1 <1 | 14 | <1 | <1 |
| CP-107 | 4/15/96 | 2.8 | <1 | | | | <1 | <1 |
| CP-108A | 4/11/96 | <1 | <1 | <1 | <1 | <1 <1 | <1 | <1 |
| CP-108B | 4/11/96 | <1 | <1 | <1 | <1 | | | |
| CP-109 | 4/16/96 | <1 | <1 | <1 | <1 | 24 | <1 <1 | <1 <1 |
| CP-110 | 4/15/96 | <1 | <1 | <1 | <1 | 4.7 | | |
| CP-111 | 4/12/96 | <1 | <1 | <1 | <1 | 5.6 | <1 | <1 |
| CP-112 | 4/12/96 | <1 | <1 | <1 | <1 | 2.1 | <1 | <1 |
| CP-113 | 4/17/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 4/16/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 4/16/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 4/16/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 4/16/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-117 | 4/16/96 | <10 | <10 | 17 | <10 | 130 | <10 | <10 |
| CP-118 | 4/16/96 | <1 | <1 | <1 | <1 | 6.3 | <1 | <1 |
| CP-119 | 4/16/96 | <1 | <1 | <1 | <1 | 55 | <1 | <1 |
| CP-121 | 4/17/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 4/12/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| CAS Number | Statistics (1) | 75-71-8 | 74-87-3 | 75-01-4 | 74-83-9 | 75-00-3 | 75-69-4 | 75-35-4 |
|----------------------|----------------|-----------|---------|----------|---------|-----------------|------------|---------|
| MTCA Method B (ug/l) | | 1,600 | 3.37 | 0.023 | 11.20 | <i>PQL</i> = 10 | 2,400 | 0.0729 |
| | | Dichloro- | | | | | Trichloro- | |
| | | difluoro- | Chloro- | Vinyl | Bromo- | Chloro- | fluoro- | |
| | Sample | methane | methane | chloride | methane | ethane | methane | 1,1-DCE |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-205B | 4/17/96 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 4/17/96 | <1 | <1 | <1 | <1 | 1.5 | <1 | <1 |

PQL = Practical Quantification

Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | | 76-13-1 | 67-64-1 | 75-15-0 | 75-09-2 | 156-60-5 | 75-34-3 | 108-05-4 |
|----------------------|---------|------------------|---------|-----------|-----------|------------|---------|----------|
| MTCA Method B (ug/l) | | 480,000 | 800 | 800 | 5.83 | 160 | 800 | 8,000 |
| | | | | | | | | |
| | | 1,1,2-trichloro- | | | | | | |
| | | 1,2,2-trifluoro- | | Carbon | Methylene | trans-1,2- | | Vinyl |
| | Sample | ethane | Acetone | disulfide | chloride | DCE | 1,1-DCA | acetate |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-103A | 4/11/96 | <5 | <5 | <1 | 29 | <1 | <1 | <1 |
| CP-103B | 4/11/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-104A | 4/15/96 | <5 | <5 | <1 | <5 | <1 | 1.7 | <1 |
| CP-104B | 4/15/96 | <5 | <5 | <1 | <5 | <1 | 5 | <1 |
| CP-106A | 4/12/96 | <5 | <5 | <1 | <5 | <1 | 1.8 | <1 |
| CP-106B | 4/12/96 | <5 | 29 | 1 | <5 | <1 | <1 | <1 |
| CP-107 | 4/15/96 | <5 | <5 | 1.3 | <5 | <1 | 1.7 | <1 |
| CP-108A | 4/11/96 | <5 | < 5 | <1 | <5 | <1 | <1 | <1 |
| CP-108B | 4/11/96 | <5 | 14 | <1 | <5 | <1 | <1 | <1 |
| CP-109 | 4/16/96 | <5 | <5 | <1 | <5 | <1 | 1.1 | <1 |
| CP-110 | 4/15/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-111 | 4/12/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-112 | 4/12/96 | <5 | 160 | <1 | 130 | <1 | <1 | <1 |
| CP-113 | 4/17/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-114 | 4/16/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-115A | 4/16/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-115B | 4/16/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-116 | 4/16/96 | <5 | <5 | <1 | <5 | <1 | 4.9 | <1 |
| CP-117 | 4/16/96 | <50 | <50 | <10 | <50 | <10 | 110 | <10 |
| CP-118 | 4/16/96 | <5 | <5 | 3.7 | <5 | <1 | 1.8 | <1 |
| CP-119 | 4/16/96 | <5 | <5 | 2.6 | <5 | <1 | 29 | <1 |
| CP-121 | 4/17/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-122B | 4/12/96 | <5 | 9.5 | <1 | <5 | <1 | <1 | <1 |

| CAS Number | 1.0000000000000000000000000000000000000 | 76-13-1 | 67-64-1 | 75-15-0 | 75-09-2 | 156-60-5 | 75-34-3 | 108-05-4 |
|---|---|------------------|---------|-----------|-----------|------------|---------|----------|
| MTCA Method B (ug/l) | | 480,000 | 800 | 800 | 5.83 | 160 | 800 | 8,000 |
| | | 1,1,2-trichloro- | | | | | | |
| | | 1,2,2-trifluoro- | | Carbon | Methylene | trans-1,2- | | Vinyl |
| 100000000000000000000000000000000000000 | Sample | ethane | Acetone | disulfide | chloride | DCE | 1,1-DCA | acetate |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| CP-205B | 4/17/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |
| W-10 | 4/17/96 | <5 | <5 | <1 | <5 | <1 | <1 | <1 |

PQL = Practical Quantification

Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | | 156-59-2 | 78-93-3 | 67-66-3 | 71-55-6 | 56-23-5 | 107-06-2 | 71-43-2 |
|----------------------|---------|----------|------------|------------|-----------|----------|----------|---------|
| MTCA Method B (ug/l) | | 80 | 4,800 | 7.17 | 7,200 | 0.337 | 0.481 | 1.51 |
| | | | | | | Carbon | | |
| | | cis-1,2- | | | | tetra- | | |
| | Sample | DCE | 2-Butanone | Chloroform | 1,1,1-TCA | chloride | 1,2-DCA | Benzene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-103A | 4/11/96 | <1 | <5 | 24 | <1 | <1 | <1 | 4.6 |
| CP-103B | 4/11/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 4/15/96 | 1.4 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 4/15/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 4/12/96 | 2.3 | <5 | 1.1 | <1 | <1 | <1 | <1 |
| CP-106B | 4/12/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 4/15/96 | <1 | <5 | <1 | <1 | <1 | <1 | 2.1 |
| CP-108A | 4/11/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 4/11/96 | <1 | 8.7 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 4/16/96 | <1 | <5 | 1.1 | <1 | <1 | <1 | 30 |
| CP-110 | 4/15/96 | <1 | <5 | <1 | <1 | <1 | <1 | 1.9 |
| CP-111 | 4/12/96 | <1 | <5 | <1 | <1 | <1 | <1 | 2.1 |
| CP-112 | 4/12/96 | <1 | <5 | <1 | <1 | <1 | <1 | 1 |
| CP-113 | 4/17/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 4/16/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 4/16/96 | <1 | <5 | <1 | 1.6 | <1 | <1 | <1 |
| CP-115B | 4/16/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 4/16/96 | <1 | <5 | <1 | <1 | <1 | <1 | 13 |
| CP-117 | 4/16/96 | 81 | <50 | <10 | <10 | <10 | <10 | 37 |
| CP-118 | 4/16/96 | <1 | <5 | <1 | <1 | <1 | <1 | 28 |
| CP-119 | 4/16/96 | 3.4 | <5 | <1 | <1 | <1 | 1.9 | 46 |
| CP-121 | 4/17/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 4/12/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |

| CAS Number | | 156-59-2 | 78-93-3 | 67-66-3 | 71-55-6 | 56-23-5 | 107-06-2 | 71-43-2 |
|----------------------|---------|----------|------------|------------|-----------|------------------|----------|---------|
| MTCA Method B (ug/l) | | 80 | 4,800 | 7.17 | 7,200 | 0.337 | 0.481 | 1.51 |
| | | cis-1,2- | | | | Carbon tetra- | | |
| | Sample | DCE | 2-Butanone | Chloroform | 1,1,1-TCA | chloride | 1,2-DCA | Benzene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <1 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-205B | 4/17/96 | <1 | 27 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 4/17/96 | <1 | <5 | <1 | <1 | <1 | <1 | 14 |

PQL = Practical Quantification

Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | | 79-01-6 | 78-87-5 | 75-27-4 | 110-75-8 | 10061-01-5 | 108-10-1 | 108-88-3 |
|----------------------|---------|---------|------------------|--------------------|--------------------------|-----------------------|-------------|----------|
| MTCA Method B (ug/l) | | 3.98 | 0.643 | 0.706 | PQL = 10 | PQL = 5 | 400 | 1,600 |
| | | | 1,2- Dichloro | Bromo- dichloro | 2-Chloro- ethyl-vinyl | cis-1,3- Dichloro- | 4-Methyl-2- | |
| | Sample | TCE | propane | methane | ether | propene | pentanone | Toluene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-103A | 4/11/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-103B | 4/11/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-104A | 4/15/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-104B | 4/15/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-106A | 4/12/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-106B | 4/12/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-107 | 4/15/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-108A | 4/11/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-108B | 4/11/96 | <2 | <1 | <1 | 2.3 | <1 | 7 | <2 |
| CP-109 | 4/16/96 | <2 | 1.8 | <1 | <1 | <1 | <5 | 5.5 |
| CP-110 | 4/15/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-111 | 4/12/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-112 | 4/12/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-113 | 4/17/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-114 | 4/16/96 | <2 | <1 | <1 | 16 | <1 | <5 | <2 |
| CP-115A | 4/16/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-115B | 4/16/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-116 | 4/16/96 | <2 | <1 | <1 | <1 | <1 | <5 | 2.8 |
| CP-117 | 4/16/96 | <20 | <10 | <10 | <10 | <10 | <50 | 7400 |
| CP-118 | 4/16/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-119 | 4/16/96 | 3.4 | <1 | <1 | <1 | <1 | <5 | 100 |
| CP-121 | 4/17/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-122B | 4/12/96 | <2 | <1 | <1 | 1.2 | <1 | <5 | <2 |

| CAS Number | en er er er er er er er er er | 79-01-6 | 78-87-5 | 75-27-4 | 110-75-8 | 10061-01-5 | 108-10-1 | 108-88-3 |
|----------------------------|-------------------------------|---------|----------|----------|-------------|------------|-------------|----------|
| MTCA Method B (ug/l) | | 3.98 | 0.643 | 0.706 | PQL = 10 | PQL = 5 | 400 | 1,600 |
| | | | 1,2- | Bromo- | 2-Chloro- | cis-1,3- | | |
| 经总额 2000年的 | | | Dichloro | dichloro | ethyl-vinyl | Dichloro- | 4-Methyl-2- | |
| SALL RESERVE OF THE SECOND | Sample | TCE | propane | methane | ether | propene | pentanone | Toluene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| CP-205B | 4/17/96 | <2 | <1 | <1 | <1 | <1 | <5 | <2 |
| W-10 | 4/17/96 | <2 | <1 | <1 | <1 | <1 | <5 | 2.7 |

PQL = Practical Quantification

Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | | 10061-02-6 | 79-00-5 | 127-18-4 | 591-78-6 | 124-48-1 | 108-90-7 | 100-41-4 |
|----------------------|----------------|------------------------------|--|------------|-------------------|---|------------------------------|-------------------|
| MTCA Method B (ug/l) | | PQL = 5 | 0.768 | 0.858 | PQL = 50 | 0.521 | 160 | 800 |
| Well Number | Sample Date | Trans-1,3- Dichloro- propene | 1,1,2- trichloro- ethane (ug/l) | PCE (ug/l) | 2-Hexanone (ug/l) | Dibromo- chloro methane (ug/l) | Chloro- benzene (ug/l) | Ethyl- benzene |
| | 4/11/96 | (ug/l) <1 | (ug/t) <1 | <1 <1 | (ug/1) <5 | (<i>ug/t</i>) | | (ug/l) |
| CP-103A CP-103B | 4/11/96 | <1 | <1 | <1 | <5 | <1 | <1 <1 | <1 <1 |
| CP-103B CP-104A | 4/11/96 | <1 | <1 | <1 | <5 | <1 | <1 | 1.4 |
| CP-104A | 4/15/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-104B | 4/12/96 | <1 | <1 | <1 | <5 | <1 | <1 | 1.3 |
| CP-106B | 4/12/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-107 | 4/15/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-108A | 4/11/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-108B | 4/11/96 | <1 | 1.5 | <1 | 8.3 | <1 | <1 | <1 |
| CP-109 | 4/16/96 | <1 | <1 | <1 | <5 | <1 | <1 | 1.7 |
| CP-110 | 4/15/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-111 | 4/12/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-112 | 4/12/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-113 | 4/17/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-114 | 4/16/96 | <1 | <1 | <1 | <5 | <1 | <1 | 1.2 |
| CP-115A | 4/16/96 | <1 | <1 | <1 | <5 | <1 | <1 | 5.5 |
| CP-115B | 4/16/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-116 | 4/16/96 | <1 | <1 | <1 | <5 | <1 | <1 | 5.6 |
| CP-117 | 4/16/96 | <10 | <10 | <10 | <50 | <10 | <10 | 7600 |
| CP-118 | 4/16/96 | <1 | <1 | <1 | <5 | <1 | <1 | 36 |
| CP-119 | 4/16/96 | <1 | 45 | 3.1 | <5 | <1 | 4.3 | 63 |
| CP-121 | 4/17/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-122B | 4/12/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |

| CAS Number | CA 242 a ST | 10061-02-6 | 79-00-5 | 127-18-4 | 591-78-6 | 124-48-1 | 108-90-7 | 100-41-4 |
|----------------------|-------------|------------|----------------------|----------|------------|----------|----------|----------|
| MTCA Method B (ug/l) | | PQL = 5 | 0.768 | 0.858 | PQL = 50 | 0.521 | 160 | 800 |
| | | Trans-1,3- | 1,1,2- trichloro- | | | Dibromo- | Chloro- | Ethyl- |
| | Sample | propene | ethane | PCE | 2-Hexanone | methane | benzene | benzene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| CP-205B | 4/17/96 | <1 | <1 | <1 | <5 | <1 | <1 | <1 |
| W-10 | 4/17/96 | <1 | <1 | <1 | <5 | <1 | <1 | 2.7 |

PQL = Practical Quantification

Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | | 108-38-3 | 95-47-6 | 100-42-5 | 75-25-2 | 79-34-5 | 541-73-1 | 106-46-7 |
|----------------------|---------|------------|----------|----------|-----------|--------------|----------|----------|
| MTCA Method B (ug/l) | | 16,000 | 16,000 | 1.46 | 5.54 | 0.219 | PQL = 10 | 1.82 |
| | | | | | | 1,1,2,2- | 1,3- | 1,4- |
| 2000年1982年 | | | | | | tetrachloro- | Dichloro | Dichloro |
| | Sample | m,p-Xylene | o-Xylene | Styrene | Bromoform | ethane | benzene | benzene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-103A | 4/11/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-103B | 4/11/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-104A | 4/15/96 | 3.4 | 1.7 | <1 | <1 | <3 | <1 | <1 |
| CP-104B | 4/15/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-106A | 4/12/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-106B | 4/12/96 | 1.5 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-107 | 4/15/96 | 2.2 | 1.4 | <1 | <1 | <3 | 1.2 | 1.7 |
| CP-108A | 4/11/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-108B | 4/11/96 | 1 | <1 | <1 | 2.1 | <3 | <1 | <1 |
| CP-109 | 4/16/96 | 3.2 | 2.7 | <1 | <1 | <3 | <1 | <1 |
| CP-110 | 4/15/96 | <1 | 1.1 | <1 | <1 | <3 | <1 | <1 |
| CP-111 | 4/12/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-112 | 4/12/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-113 | 4/17/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-114 | 4/16/96 | 3.9 | 2.2 | <1 | <1 | <3 | <1 | <1 |
| CP-115A | 4/16/96 | 6.7 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-115B | 4/16/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-116 | 4/16/96 | 23 | 35 | 1.1 | <1 | <3 | <1 | 1.2 |
| CP-117 | 4/16/96 | 15200 | 3600 | <10 | <10 | <30 | <10 | <10 |
| CP-118 | 4/16/96 | 7.6 | 11 | <1 | <1 | 13 | <1 | <1 |
| CP-119 | 4/16/96 | 170 | 100 | <1 | <1 | <3 | 1.2 | 1.3 |
| CP-121 | 4/17/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-122B | 4/12/96 | <1 | <1 | <1 | 1.3 | <3 | <1 | <1 |

| CAS Number | 17 July 20 (1875) | 108-38-3 | 95-47-6 | 100-42-5 | 75-25-2 | 79-34-5 | 541-73-1 | 106-46-7 |
|----------------------|-------------------|------------|----------|----------|-----------|------------------------------------|-----------------------------|-----------------------------|
| MTCA Method B (ug/l) | | 16,000 | 16,000 | 1.46 | 5.54 | 0.219 | PQL = 10 | 1.82 |
| | Sample | m,p-Xylene | o-Xylene | Styrene | Bromoform | 1,1,2,2- tetrachloro- ethane | 1,3- Dichloro benzene | 1,4- Dichloro benzene |
| Well Number | Date | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <1 | <1 | <1 | <1 | <3 | <1 | <1 |
| CP-205B | 4/17/96 | 1.3 | <1 | <1 | <1 | <3 | <1 | <1 |
| W-10 | 4/17/96 | 1.8 | 1.7 | <1 | <1 | <3 | <1 | <1 |

PQL = Practical Quantification

Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | 14.7 | 95-50-1 | 95-20-3 |
|----------------------|----------------|---------------------------------------|-----------------------|
| MTCA Method B (ug/l) | | 7.2 | 32 |
| Well Number | Sample Date | 1,2- Dichloro benzene (ug/l) | Naphthalene (ug/l) |
| CP-103A | 4/11/96 | <1 | <5 |
| CP-103B | 4/11/96 | <1 | <5 |
| CP-104A | 4/15/96 | <1 | <5 |
| CP-104B | 4/15/96 | <1 | <5 |
| CP-106A | 4/12/96 | <1 | <5 |
| CP-106B | 4/12/96 | <1 | <5 |
| CP-107 | 4/15/96 | <1 | <5 |
| CP-108A | 4/11/96 | <1 | <5 |
| CP-108B | 4/11/96 | <1 | <5 |
| CP-109 | 4/16/96 | <1 | <5 |
| CP-110 | 4/15/96 | <1 | <5 |
| CP-111 | 4/12/96 | <1 | <5 |
| CP-112 | 4/12/96 | <1 | <5 |
| CP-113 | 4/17/96 | <1 | <5 |
| CP-114 | 4/16/96 | <1 | <5 |
| CP-115A | 4/16/96 | <1 | <5 |
| CP-115B | 4/16/96 | <1 | <5 |
| CP-116 | 4/16/96 | 18 | 23 |
| CP-117 | 4/16/96 | <10 | <50 |
| CP-118 | 4/16/96 | 1.2 | 66 |
| CP-119 | 4/16/96 | 6.5 | 150 |
| CP-121 | 4/17/96 | <1 | <5 |
| CP-122B | 4/12/96 | <1 | <5 |

| CAS Number | | 95-50-1 7.2 | 95-20-3 32 |
|----------------------|---------|-----------------------|---------------|
| MTCA Method B (ug/l) | | | |
| | Sample | 1,2- Dichloro benzene | Naphthalene |
| Well Number | Date | (ug/l) | (ug/l) |
| CP-205A | 4/17/96 | <1 | <5 |
| CP-205B | 4/17/96 | <1 | <5 |
| W-10 | 4/17/96 | <1 | 6.4 |

PQL = Practical Quantification
Limit

NA = Not Applicable

B = Constituent Detected

| CAS Number | | NA | NA | NA |
|----------------------|---------|----------------|-----------------------|-------------------------|
| MTCA Method A (mg/l) | | 1.00 | 1.00 | 1.00 |
| | | | WTPH-D (as diesel) | WTPH-G (as gasoline) |
| | | TPH (418.1) | | |
| | | | | |
| Well Number | DATE | (mg/l) | (mg/l) | (mg/l) |
| CP-103A | 4/11/96 | <1 | < 0.25 | < 0.3 |
| CP-103B | 4/11/96 | <1 | <0.25 | <0.3 |
| CP-104A | 4/15/96 | <1 | 0.466 | < 0.3 |
| CP-104B | 4/15/96 | <1 | <0.25 | <0.3 |
| CP-106A | 4/12/96 | <1 | < 0.25 | < 0.3 |
| CP-106B | 4/12/96 | <1 | <0.25 | <0.3 |
| CP-107 | 4/15/96 | <1 | 1.41 | <0.3 |
| CP-108A | 4/11/96 | <1 | < 0.25 | < 0.3 |
| CP-108B | 4/11/96 | <1 | < 0.25 | < 0.3 |
| CP-109 | 4/16/96 | 2.3 | 2.18 | <0.3 |
| CP-110 | 4/15/96 | 2.2 | 2.34 | <0.3 |
| CP-111 | 4/12/96 | <1 | < 0.25 | < 0.3 |
| CP-112 | 4/12/96 | <1 | < 0.25 | < 0.3 |
| CP-113 | 4/17/96 | <1 | < 0.25 | < 0.3 |
| CP-114 | 4/16/96 | <1 | < 0.25 | <0.3 |
| CP-115A | 4/16/96 | <1 | < 0.25 | < 0.3 |
| CP-115B | 4/16/96 | <1 | < 0.25 | <0.3 |
| CP-116 | 4/16/96 | 53 | 7.8 | < 0.3 |
| CP-117 | 4/16/96 | 57 | 24.4 | <0.3 |
| CP-118 | 4/16/96 | 30 | 12.7 | < 0.3 |
| CP-119 | 4/16/96 | 40 | 11.3 | <0.3 |
| CP-121 | 4/17/96 | <1 | < 0.25 | <0.3 |
| CP-122B | 4/12/96 | <1 | < 0.25 | <0.3 |
| CP-205A | 4/17/96 | <1 | < 0.25 | < 0.3 |
| CP-205B | 4/17/96 | <1 | < 0.25 | < 0.3 |
| W-10 | 4/17/96 | <1 | 1.67 | < 0.3 |

NA = Not Applicable